

Module Title:	Disruptive Innovation and Financial Technologies	Level:	6	Credit Value:	20
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Module code:	BUS642	Is this a new module? Yes	Code of module being replaced:	n/a
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Cost Centre:	GAMG	JACS3 code:	N212
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Trimester(s) in which to be offered:	2	With effect from:	September 17
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School:	Business	Module Leader:	Kelvin LEONG
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Scheduled learning and teaching hours	30hrs
Guided independent study	170hrs
Placement	0hrs
Module duration (total hours)	200hrs

Programme(s) in which to be offered	Core	Option
BSc (Hons) in Financial Technology Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval February 17

APSC approval of modification *Enter date of approval*

Version 1

Have any derogations received SQC approval?

N/A

Module Aims

Technology and innovation is changing the ecosystem of financial service industry. This module generates an appreciation of the role of innovation in the business and critically analyses how innovation creates business values. Student will review how disruptive innovation impacted the financial service industry. Moreover, student will also critically reflect how disruptive innovation will shape financial service industry in future.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to

Key Skills

At the end of this module, students will be able to		Key Skills	
1	Explain scope of technological change and drivers for innovation in financial services firms and financial services industry.	KS1	KS5
		KS3	KS6
		KS4	
2	Critically compare different types of innovation and the role of innovation in the evolution of new markets.	KS1	KS5
		KS3	KS6
		KS4	
3	Evaluate the benefits and limitations of open innovation strategy.	KS1	KS5
		KS3	KS6
		KS4	
4	Explain the importance of disruptive innovation and its driving forces in the financial services industry.	KS1	KS5
		KS3	KS6
		KS4	
5	Explain how disruptive innovation creates business values in the financial services industry.	KS1	KS5
		KS3	KS6

		KS4	
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Derogations

None

Assessment:

In assessment 1 students will be presented with a real or hypothetical case study and be required to analyse and evaluate the issues and options they face in respect of managing innovation.

Assessment 2 requests students to undertake a piece of research into relevant issues within disruptive innovation in the financial services industry.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration (if exam)	Word count (or equivalent if appropriate)
1	1,2,3	Case Study	50		2000
2	4,5	Essay	50		2000

Learning and Teaching Strategies:

According to the learning outcomes, lectures will allow concepts, theories and principles to be outlined. Tutorials and activity-based sessions will provide further use of real world business examples in applying relevant concepts, theories and principles into practice. In addition, students will be encouraged to undertake self-directed study and further research on selected topics to acquire additional perspectives which will provide them with a deeper understanding of the topics covered.

Syllabus outline:

1. The effects of technology and innovation on the competitiveness of financial services firms.
2. The role of innovation in the evolution of new markets
3. Three types of innovation: sustaining innovation, low-end disruptive innovation, and new-market disruptive innovation
4. Adoption and diffusion of innovation in financial services industry
5. Contingencies and complexity in managing innovation
6. Open innovation vs traditional approaches
7. Principles of Disruptive Technology
8. Maintaining a disruptive scope
9. Disruptive innovation in the financial services industry

Bibliography:

Essential reading

Textbooks:

Dyer, J., Gregersen, H. and Christensen, C. (2011). *The innovator's DNA: Mastering the Five Skills of Disruptive Innovators*. 1st ed. Boston, Mass.: Harvard Business Press.

Tidd, J. and Bessant, J. (2013) *Managing Innovation: integrating technological, market and organizational change*, 5th edition, New York: John Wiley & Sons.

Other indicative reading

Textbooks:

Chishti, S. and Barberis, Janos. (2016) *The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries*, Hoboken: Wiley.

Dyer, J., Gregersen, H. and Christensen, C. (2013) *The Innovator's DNA: Mastering the Five Skills of Disruptive Innovators*, Boston: Harvard Business School Publishing.

Goffin, K. and Mitchell, R. (2016) *Innovation management: effective strategy and implementation*, 3rd edition, UK: Palgrave Macmillan.

Chesbrough, H. (2011) *Open services innovation: rethinking your business to grow and compete in a new era*, San Francisco: Jossey-Bass.

Christensen, C. and Raynor, M. (2013). *The innovator's solution*. 1st ed. Harvard Business School Publishing.

Islam, N. and Ekekwe, N. (2012) *Disruptive Technologies, Innovation and Global Redesign: Emerging Implications*, Hershey: IGI Global.

Journals

Harvard Business Review

MIS Quarterly

International Journal of Innovation Management

Websites:

<http://innovatefinance.com/about>

<http://www.fintechinnovators.com/>

www.innovationexcellence.com